#### 2003-08-18 2750-1573P.ST25.txt SEQUENCE LISTING

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# 2003-08-18 2750-1573P.ST25.txt

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Leu Glu Ser Gly Thr Glu Ala Asn Arg Lys Ser Leu Ser Ala Ser His
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Gly Arg Glu Arg Asp Ala Cys Glu Gly Glu Pro Gln Leu Leu His Glu
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2003-08-18 2750-1573P.ST25.txt
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| ctcgggaaga acgagaatgt atccgaatca acgaggttcg gtagcggtag aaaaccgtct | 360 |
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| tcaagcagc taagctctca ttcgcgtgac cacgaccaaa tcagcgttgg agaagcagag  | 660 |
| tatcggatc agaactttgt taacgaagga ataaaaggcg aaaacggaag ctcgaagaag  | 720 |
| tgaagacgg tgatgatgag tgaatcgtcg agtaccgatc aggttgttcc actcaataaa  | 780 |

#### 2003-08-18 2750-1573P.ST25.txt

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816

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2003-08-18 2750-1573P.ST25.txt
Asn Phe Val Asn Glu Gly Ile Lys Gly Glu Asn Gly Ser Ser Lys Lys
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| Thr  | Ser        | ser<br>35  | Met  | Tyr        | Ser        | Ala               | Gly<br>40  | Lys        | Glu               | Tyr        | Met               | Glu<br>45  | Thr        | Glu        | Тгр        |       |
| Thr  | Asn<br>50  | Glu        | Lys  | His        | Ser        | Leu<br>55         | Туг        | Leu        | Lys               | Ser        | Met<br>60         | Glu        | Ala        | Ser        | Phe        |       |
| val<br>65  | Asp        | Gln        | Leu  | Tyr        | Asn<br>70  | Ser               | Leu        | Gly        | Ala               | Leu<br>75  | Gly               | Lys        | Asn        | Glu        | Asn<br>80  |       |
| val  | Ser        | Glu        | Ser  | Thr<br>85  | Arg        | Phe               | Gly        | Ser        | Gly<br>90         | Arg        | Lys               | Pro        | Ser        | G]n<br>95  | Glu        |       |
| Gln  | Phe        | Lys        | Val<br>100                                 | Leu        | His        | Asp               | Gly        | Phe<br>105 | Trp               | Gln        | Lys               | Ile        | Asn<br>110 | Val        | Lys        |       |
| Gln  | Pro        | Glu<br>115 | His  | Arg        | Ile        | Asn               | Gly<br>120 | Arg        | His               | Gly        | Gly               | Asn<br>125 | Ser        | His        | Glu        |       |
| Phe  | Leu<br>130 | Arg        | Ser  | Pro        | Trp        | 11e<br>135        | Lys        | His        | Tyr               | Lys        | Pro<br>140        | Leu        | ٧a٦        | Lys        | Thr        |       |
| Gln<br>145   | Ile        | Pro        | ۷a٦<br>·                                   | Thr        | Asp<br>150 | Glu               | Pro        | Glu        | Asn               | G]n<br>155 | ۷a٦               | ٧a٦        | Ser        | Ser        | Ser<br>160 |       |
| Asn  | Gly        | Lys        | Lys  | Gly<br>165 | Ile        | Cys               | ser        | Ser        | G]y<br>170        | Ser        | Аlа               | Ser        | Ser        | Leu<br>175 | Lys        |       |
| Gln  | Leu        | Ser        | Ser<br>180                                 | His        | Ser        | Arg               | Asp        | His<br>185 | Asp               | Gln        | Ile               | Ser        | Val<br>190 | Gly        | Glu        |       |
| Ala  | Glu        | val<br>195 | Ser  | Asp        | Gln        | Asn               | Phe<br>200 | Val        | Asn               | Glu        | Gly               | Ile<br>205 | Lys        | Gly        | Glu        |       |
| Asn  | Gly<br>210 | Ser        | Ser  | Lys        | Lys        | Met<br>215        | Lys        | Thr        | ٧a٦               | Met        | Met<br>220        | Ser        | Glu        | Ser        | Ser        |       |
| Ser<br>225   | Thr        | Asp        | Gln  | ٧a٦        | Val<br>230 | Pro               | Leu        | Asn        | Lys               | Leu<br>235 | Leu               | G]n        | His        | Asp        | va1<br>240 |       |
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| ggga   | agaa       | cg a       | gaat                                       | gtat       | c cg       | aatc              | aacg       | agg        | ttcg              | gta        | gcgg              | taga       | aa a       | ccgt       | ctcaa      | 180   |
| gaac   | agtt       | ca a       | ggtt                                       | cttc       | a tg       | atgg              | tttc       | tgg        | caga              | aga        | ttaa              | tgtg       | aa a       | caac       | ctgaa      | 240   |
| catc   | ggat       | ta a       | cgga                                       | aggc       | a cg       | gtgg <sup>.</sup> | taat       | tct        | catg              | agt        | ttct              | tagg       | ag t       | ccat       | ggatt      | 300   |
| aagca  | atta       | ta a       | acct <sup>.</sup>                          | ttag       | t aa       | agac              | acaa       | atc        | ccgg <sup>.</sup> | taa        | cgga <sup>.</sup> | tgag       | cc c       | gaaa       | atcaa      | 360   |
| gttg   | ttag       | ca go      | ctcta                                      | aatg       | g gaa      | agaa              | ggga       | ata        | tgca              |            | ctgge<br>8        | ctca       | gc c       | tcta       | gtctc      | 420 - |

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Gln Lys Ser Thr Pro Gly Asn Ala Ser Asn Gly Gln Gly Thr 165 170